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(54) **METHODS FOR ENCAPSULATING
PLASMIDS IN LIPID BILAYERS**
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application No. 08/484,282, filed on Jun. 7, 1995, now Pat.
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424/450; 436/829; 514/55; 514/851

(58) **Field of Search** 264/4.3, 4.6; 424/450;
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(57) **ABSTRACT**

Plasmid-lipid particles which are useful for transfection of
cells in vitro or in vivo are described. The particles can be
formed using either detergent dialysis methods or methods
which utilize organic solvents. The particles are typically
65–85 nm, fully encapsulate the plasmid and are serum-
stable.

20 Claims, 18 Drawing Sheets

